

NOVEL RGS MOLECULES

AND USES THEREOF

Abstract of the Disclosure

5 Novel RGS polypeptides, proteins, and nucleic acid molecules are disclosed. In
addition to isolated, full-length RGS proteins, the invention further provides isolated
RGS fusion proteins, antigenic peptides, and anti-RGS antibodies. The invention also
provides RGS nucleic acid molecules, recombinant expression vectors containing a
nucleic acid molecule of the invention, host cells into which the expression vectors have
10 been introduced, and nonhuman transgenic animals in which an RGS gene has been
introduced or disrupted. Diagnostic, screening, and therapeutic methods utilizing
compositions of the invention are also provided.